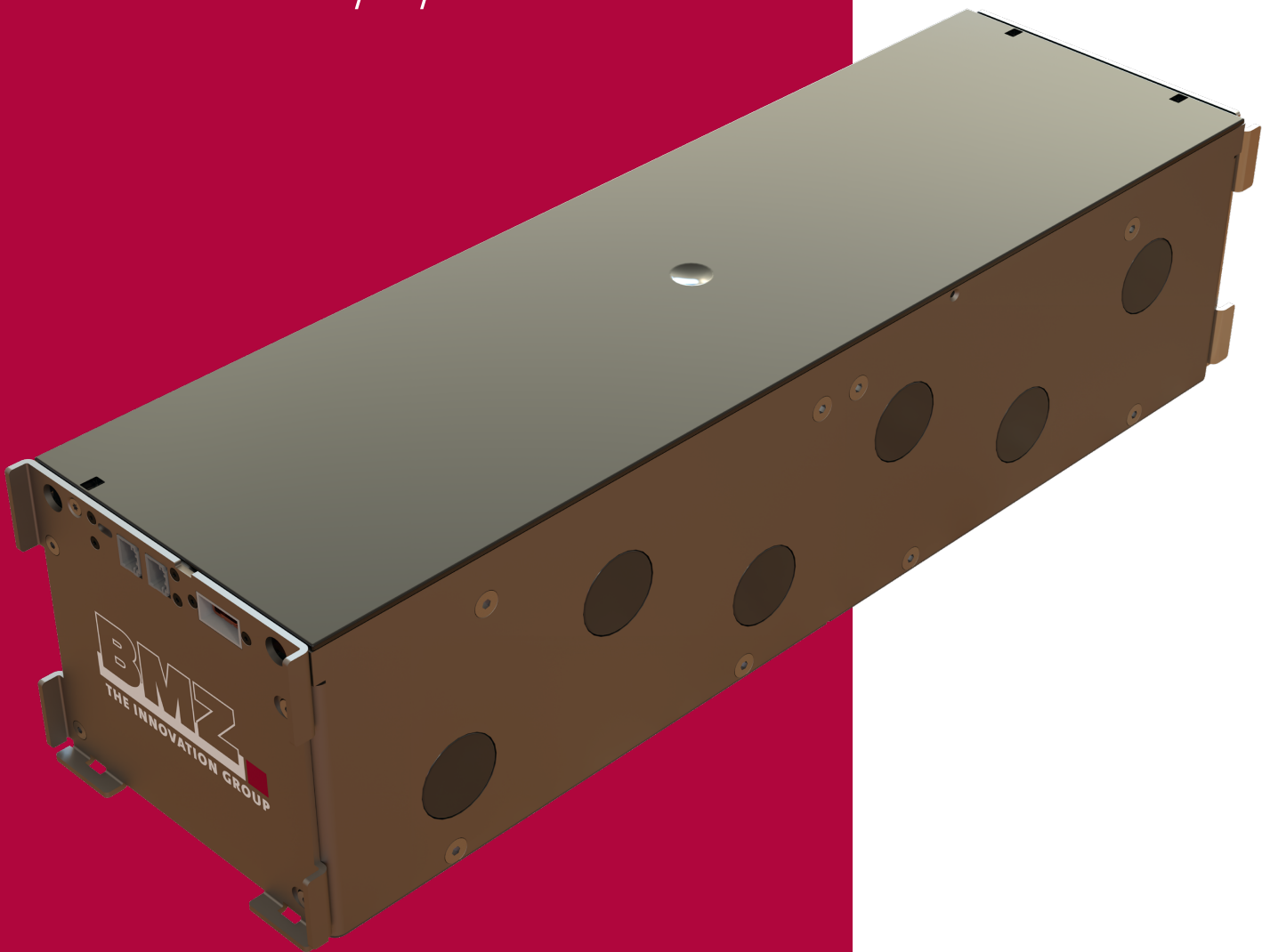


PHOENIX

Technology Basis For
Modular Battery Systems



E-MOBILITY



DRIVE
SYSTEMS



ENERGY STORAGE
SYSTEMS



POWER- AND
GARDENTOOLS



INDUSTRIAL



MEDICAL

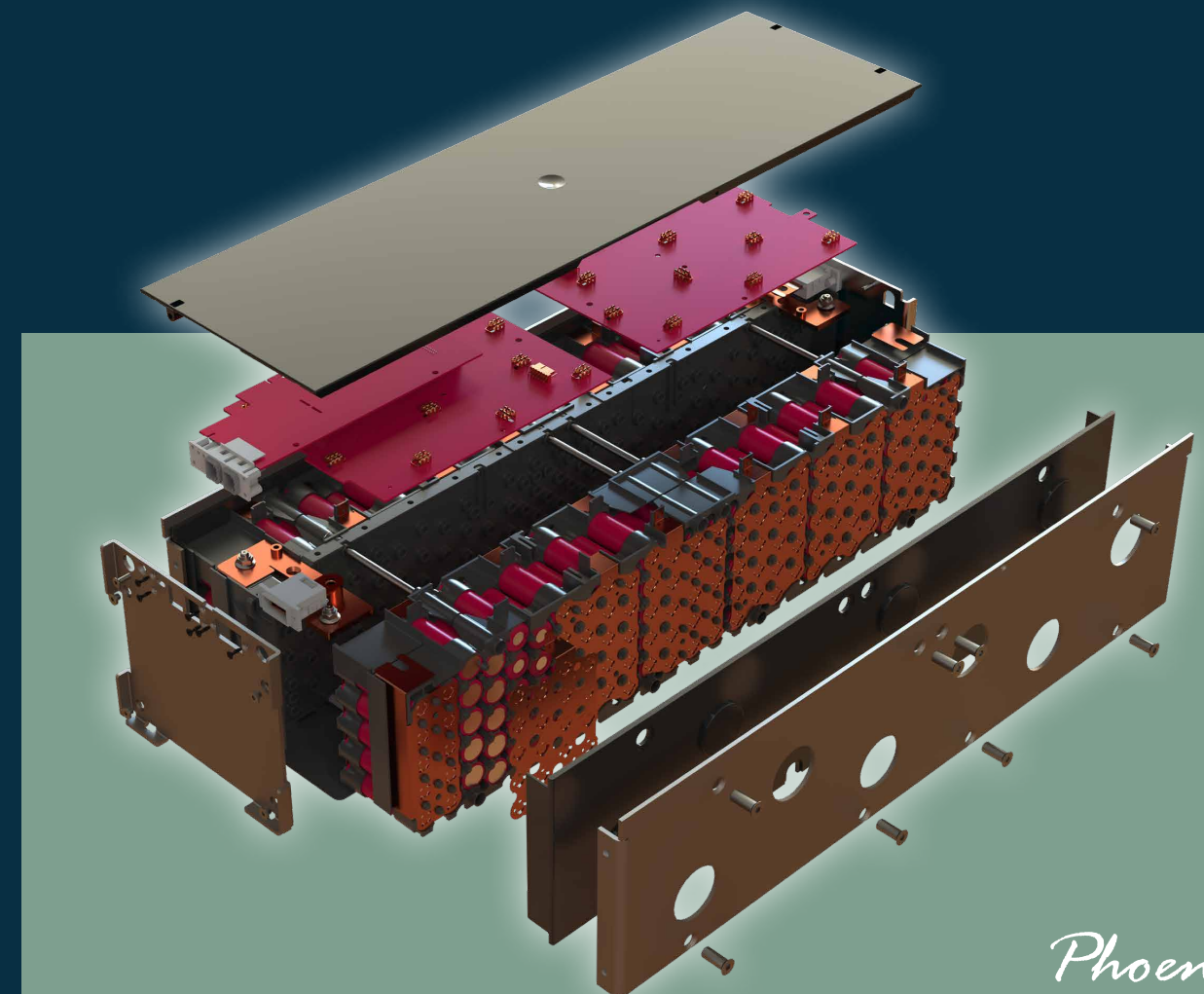
POWER MODULE

PHOENIX Product Features

TECHNICAL DETAILS	PHOENIX 44	PHOENIX 48
Cell Configuration	12S20P	13S20P
Nominal Energy	4.37 kWh	4.73 kWh
Nominal Voltage	43.7 V	47.5 V
Power	14 kW	14 kW
Weight	28 kg	30 kg
Dimensions (W x H x D)	571 x 177 x 153 mm	612 x 177 x 153 mm
Energy Density	156 Wh/kg	158 Wh/kg
Operating Temperature	-20 up to 65 °C	-20 up to 65 °C
Technology	Li-Ion C21700 NMC 811	Li-Ion C21700 NMC 811

FEATURES & BENEFITS

- **UN 38.3** certification
- **Slave BMS** integrated
- **Up to 5000 cycles** - In dependence of temperature / power
- **Latest Generation** of High Power, High Capacity and Balanced cells possible
- Optimized for **upright tub**
- Systems **up to 1 kV** planned
- **Replacement** for **Prismatic Modules** possible
- **Laser welding** allows flexibility according to performance requirements



Phoenix

Any questions?

Contact us, we will be pleased to advise you.



Headquarters

BMZ Germany GmbH

Zeche Gustav 1
63791 Karlstein am Main
Germany

P: +49 6188-9956-0
E: mail@bmz-group.com

BMZ USA Inc.

1429 Miller Store Road
Virginia Beach
VA 23455
USA

P: +1-757 821-8494
E: contact-usa@bmz-group.com

BMZ Company Ltd.

Julong Technology Building B
Cuibao Road, Longgang District,
Shenzhen, Guangdong Province
P.R.China 518116

P: +86 755 8977 5800
E: contact.cn@bmz-group.com

BMZ Poland Sp. z o.o.

Alberta Einsteina 9
44-109 Gliwice
Poland

P: +48 327842 450
E: BMZPolandSales@bmz-group.com

BMZ Innovation Group Ltd.

Future Business Centre
Kings Hedges Road
Cambridge, CB4 2HY
United Kingdom

P: +44 7391 351787
E: lukas.gazda@bmz-group.com

BMZ Japan KK

Shitaya 1-6-5, Taito-ku,
Tokyo, 110-0004
Japan

P: +81 35811 1973
E: tokio.kobayashi@bmz-group.com

BMZ France S.A.R.L.

45 Boulevard Vincent Auriol
75013 Paris
France

P: +33 9 87 37 42 62
E: nicolas.noel@bmz-group.com

www.bmz-group.com



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